

**ACT HIGH SCHOOL PROFILE REPORT  
H S GRADUATING CLASS 2005**

**STATE COMPOSITE FOR  
KENTUCKY**

**CODE 180-000**



THE 2005 ACT HIGH SCHOOL PROFILE REPORT REFLECTS THE CHARACTERISTICS OF STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. THE MOST RECENT TEST RECORD IS USED FOR STUDENTS TESTING MORE THAN ONCE. BEGINNING IN 2002, A REFINED METHODOLOGY FOR IDENTIFYING A STUDENT'S MOST RECENT TEST RECORD WAS USED (SEE APPENDIX FOR A DESCRIPTION).

CHANGES IN AVERAGE ACT ASSESSMENT SCORES REFLECT REAL DIFFERENCES IN STUDENT PREPARATION AND PERFORMANCE AS WELL AS INCREASES IN THE PERCENTAGE OF TESTED GRADUATES IN EACH STATE, INCLUDING STATES REQUIRING STUDENTS TO TAKE THE ACT ASSESSMENT.

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THE TABLE BELOW COMPARES AVERAGE ACT SCORES FOR STUDENTS WHO REPORTED THEY COMPLETED OR PLANNED TO COMPLETE THE RECOMMENDED CORE COLLEGE PREPARATORY CURRICULUM WITH THOSE WHO HAD NOT. PLEASE NOTE THAT STATE DEPARTMENTS OF EDUCATION MAY HAVE A DIFFERENT DEFINITION OF THE COLLEGE PREPARATORY COURSES AND MAY, THEREFORE, PUBLISH REPORTS SHOWING SLIGHTLY DIFFERENT DATA. SEE APPENDIX FOR DEFINITION OF CORE.

EXECUTIVE SUMMARY - AVERAGE ACT SCORES BY LEVEL OF ACADEMIC PREPARATION

	NUMBER CORE/LESS	PERCENT CORE/LESS	ENGLISH CORE/LESS	MATH CORE/LESS	READING CORE/LESS	SCIENCE CORE/LESS	COMPOSITE CORE/LESS
2000-01	14506	14816	48/ 49	20.7/18.6	20.2/18.6	21.6/19.6	21.0/19.2
2001-02	17274	11381	58/ 39	20.5/17.9	20.1/18.3	21.4/19.2	20.8/18.8
2002-03	17557	11271	59/ 38	20.7/18.2	20.2/18.4	21.6/19.5	21.0/19.0
2003-04	17738	10732	60/ 36	20.8/18.3	20.4/18.6	21.6/19.6	21.1/19.1
2004-05	18114	10358	60/ 35	20.8/18.4	20.4/18.6	21.6/19.5	21.1/19.1

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	30084	19.6	19.4	20.6	20.2	20.1
2001-02	29532	19.4	19.4	20.6	20.1	20.0
2002-03	29877	19.7	19.5	20.8	20.3	20.2
2003-04	29581	19.8	19.7	20.9	20.4	20.3
2004-05	29943	20.0	19.7	20.8	20.4	20.4

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	23.8	23.2	24.7	23.1	23.4
Q2 (50TH PERCENTILE - MEDIAN)	19.7	18.5	20.2	20.2	19.9
Q1 (25TH PERCENTILE)	15.6	16.0	16.2	17.7	16.9

QUARTILE VALUES ARE INTERPOLATED AND ARE BASED UPON CALCULATED STUDENT PERCENTILE RANKS WHICH MAY DIFFER FROM THE CUMULATIVE PERCENTAGES REPORTED IN TABLES 4 AND 5 OF THIS REPORT.



TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P RICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 1080)	(N= 63)	(N= 15688)	(N= 75)	(N= 264)	(N= 100)
ENGLISH	16.8	20.4	21.1	20.0	22.5	19.8
USAGE/MECH	8.1	10.1	10.5	9.9	11.3	9.7
RHET SKILLS	8.7	10.5	10.9	10.3	11.6	10.3
MATHEMATICS	17.1	19.8	20.5	20.0	23.2	20.1
PRE/ELEM-ALG	8.5	10.3	10.8	10.4	12.4	10.5
ALG/CRD-GEOM	8.5	10.0	10.3	10.1	11.5	9.9
PLANE GEOM/TRIG	8.2	10.1	10.3	10.2	11.6	10.2
READING	17.9	21.7	21.8	21.1	22.7	20.2
SOC STU/SCI	9.1	11.2	11.1	10.6	11.7	10.5
ARTS/LITERATURE	8.9	10.9	11.1	10.7	11.5	10.0
SCIENCE	18.0	21.3	21.1	20.7	22.5	20.2
COMPOSITE	17.6	20.9	21.3	20.6	22.9	20.2
LESS THAN CORE	(N= 1019)	(N= 46)	(N= 8475)	(N= 41)	(N= 113)	(N= 89)
ENGLISH	14.7	17.6	18.9	16.9	20.6	16.4
USAGE/MECH	6.7	8.7	9.2	8.0	10.4	7.8
RHET SKILLS	7.7	9.0	9.8	8.8	10.6	8.5
MATHEMATICS	15.9	17.4	18.9	18.9	21.8	17.8
PRE/ELEM-ALG	7.5	8.7	9.6	9.4	11.3	8.8
ALG/CRD-GEOM	7.7	8.4	9.3	9.8	10.9	8.6
PLANE GEOM/TRIG	7.7	8.4	9.4	9.6	11.0	8.9
READING	16.0	18.0	20.0	18.3	21.2	17.8
SOC STU/SCI	8.1	8.9	10.2	9.5	11.2	8.8
ARTS/LITERATURE	7.6	9.1	10.0	8.9	10.3	9.0
SCIENCE	16.7	18.7	19.8	18.7	20.9	18.5
COMPOSITE	16.0	18.1	19.5	18.3	21.2	17.7
NO RESPONSE	(N= 77)	(N= 1)	(N= 1164)	(N= 8)	(N= 25)	(N= 11)

TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS (CONT.)

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P RICAN, HISPANIC AVERAGE
TOTAL GROUP	(N= 2176)	(N= 110)	(N= 25327)	(N= 124)	(N= 402)	(N= 200)
ENGLISH	15.8	19.2	20.3	18.8	21.8	18.1
USAGE/MECH	7.4	9.5	10.1	9.2	11.0	8.8
RHET SKILLS	8.2	9.9	10.5	9.7	11.3	9.4
MATHEMATICS	16.5	18.8	20.0	19.5	22.8	18.9
PRE/ELEM-ALG	8.0	9.6	10.4	10.0	12.0	9.6
ALG/CRD-GEOM	8.1	9.4	9.9	9.9	11.3	9.3
PLANE GEOM/TRIG	8.0	9.4	10.0	9.9	11.4	9.5
READING	17.0	20.1	21.2	20.1	22.1	18.9
SOC STU/SCI	8.6	10.2	10.8	10.2	11.5	9.6
ARTS/LITERATURE	8.3	10.2	10.7	10.0	11.1	9.4
SCIENCE	17.4	20.1	20.6	19.8	22.0	19.3
COMPOSITE	16.8	19.7	20.6	19.7	22.3	18.9

TABLE 2 AVERAGE ACT COMPOSITE SCORES BY ABILITY LEVEL FOR RACIAL/ETHNIC GROUPS

	AFRI-AM/ BLACK NUMBER AVG	AM IND, ALSK NTV NUMBER AVG	CAUC-AM/ WHITE NUMBER AVG	MEX-AM/ CHICANO NUMBER AVG	ASIAN-AM, PAC ISLDR NUMBER AVG	P RICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	276 20.2	30 22.4	9450 23.3	38 22.6	207 24.7	58 21.6
3.00 - 3.49	491 17.7	35 19.5	6154 19.9	32 19.4	74 20.6	58 18.7
2.50 - 2.99	546 16.3	20 17.8	3637 18.3	12 17.8	43 18.0	35 17.9
2.00 - 2.49	361 15.5	6 17.7	1899 17.2	8 16.8	24 17.7	13 15.9
1.99 & BELOW	161 14.5	7 15.7	620 16.3	6 16.8	8 16.8	6 16.3
CGPA PRED BY STUDENT						
3.5 - 4.0	231 20.5	24 23.0	7092 23.8	28 22.6	153 25.7	62 21.4
3.0 - 3.4	700 17.7	36 20.1	10018 20.4	53 20.3	138 20.8	69 18.8
2.5 - 2.9	625 16.1	30 17.9	4348 18.2	17 16.9	54 17.6	37 17.0
2.0 - 2.4	391 14.9	10 15.7	1820 16.8	13 16.5	13 16.6	9 16.9
1.9 & BELOW	103 14.3	4 14.8	378 16.0	2 16.0	2 13.0	4 15.5
HIGH SCHOOL RANK						
TOP QUARTER	395 18.9	35 21.9	9719 23.3	37 22.7	172 25.0	54 22.2
2ND QUARTER	877 16.9	42 18.9	8872 19.3	43 19.2	109 20.2	71 18.2
BOTTOM HALF	697 15.6	25 17.5	4392 17.5	25 17.6	66 17.8	44 17.2



TABLE 3 STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE

		SATISFIED NO CHANGE NECESSARY		PRETTY MUCH NEUTRAL		DISSATISFIED IMPROVEMENT NEEDED		NO EXPER- IENCE	
		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
CLASSROOM INSTRUCTION	MALE	6513	22	3802	13	1138	4	119	0
	FEMALE	8136	27	5134	17	1825	6	114	0
	TOTAL	14709	49	8966	30	2978	10	233	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	5878	20	3045	10	2506	8	159	1
	FEMALE	7373	25	3595	12	4055	14	194	1
	TOTAL	13302	44	6669	22	6584	22	355	1
GRADING PRACTICES & POLICIES	MALE	5755	19	3973	13	1676	6	177	1
	FEMALE	7993	27	4876	16	2151	7	181	1
	TOTAL	13805	46	8882	30	3841	13	359	1
NO. & KINDS OF TESTS GIVEN	MALE	5610	19	4580	15	1242	4	143	0
	FEMALE	7182	24	5930	20	1939	6	144	0
	TOTAL	12846	43	10545	35	3195	11	287	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	6077	20	3143	10	1760	6	586	2
	FEMALE	7936	27	3776	13	2847	10	632	2
	TOTAL	14067	47	6946	23	4628	15	1221	4
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	4609	15	3626	12	3080	10	249	1
	FEMALE	5810	19	4583	15	4543	15	268	1
	TOTAL	10452	35	8249	28	7652	26	520	2
LIBRARY OR LEARNING CENTER	MALE	6286	21	3591	12	1416	5	273	1
	FEMALE	8717	29	4407	15	1760	6	314	1
	TOTAL	15058	50	8035	27	3187	11	588	2
LABORATORY FACILITIES	MALE	5361	18	3752	13	1987	7	467	2
	FEMALE	6736	22	4994	17	2667	9	782	3
	TOTAL	12148	41	8780	29	4671	16	1252	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	4599	15	3566	12	1253	4	2142	7
	FEMALE	6174	21	4306	14	1901	6	2800	9
	TOTAL	10817	36	7900	26	3169	11	4959	17
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	6390	21	3283	11	1077	4	818	3
	FEMALE	8722	29	3887	13	1682	6	904	3
	TOTAL	15172	51	7204	24	2766	9	1726	6
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	4734	16	4101	14	1931	6	789	3
	FEMALE	6207	21	4893	16	3045	10	1015	3
	TOTAL	10982	37	9033	30	4993	17	1811	6

NUMBER OF STUDENTS - 29943

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 29943)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	35	99	25	99	145	99	55	99	2	99
35	108	99	98	99	209	99	98	99	27	99
34	321	99	130	99	352	99	120	99	76	99
33	254	98	105	99	402	98	81	99	119	99
32	298	98	165	99	342	96	164	99	205	99
31	432	97	216	98	535	95	168	98	296	99
30	402	95	214	98	727	93	123	98	415	98
29	832	94	466	97	736	91	348	97	549	96
28	714	91	665	95	815	88	437	96	756	94
27	770	89	929	93	1015	86	635	95	843	92
26	1088	86	1149	90	1311	82	1303	93	1132	89
25	1329	82	1068	86	1117	78	1152	88	1321	85
24	1384	78	1759	83	1638	74	1839	84	1524	81
23	1291	73	1475	77	1991	69	2149	78	1829	76
22	2017	69	1238	72	1493	62	2264	71	2048	70
21	2035	62	1451	68	1472	57	3109	63	2346	63
20	2163	56	1851	63	2655	52	3214	53	2518	55
19	2100	48	1955	57	1690	43	2795	42	2497	47
18	1802	41	2396	50	1507	38	2907	33	2532	38
17	1671	35	3289	42	1746	33	1856	23	2254	30
16	1533	30	3835	31	1981	27	1473	17	2146	22
15	2138	25	2785	18	1290	20	1239	12	1774	15
14	1469	17	1628	9	1945	16	763	8	1286	9
13	917	13	759	4	1217	9	677	6	808	5
12	760	9	195	1	998	5	418	3	455	2
11	655	7	73	1	421	2	256	2	152	1
10	586	5	16	1	115	1	177	1	26	1
9	278	3	4	1	43	1	74	1	2	1
8	371	2	2	1	16	1	32	1	5	1
7	140	1	1	1	7	1	12	1	0	1
6	37	1	0	1	5	1	4	1	0	1
5	12	1	1	1	4	1	0	1	0	1
4	1	1	0	1	0	1	0	1	0	1
3	0	1	0	1	3	1	1	1	0	1
2	0	1	0	1	0	1	0	1	0	1
1	0	1	0	1	0	1	0	1	0	1

NUMBER AND PERCENT OF STUDENTS IN THE COLLEGE READINESS STANDARDS SCORE RANGES

33-36	718	2	358	1	1108	4	354	1	224	1
28-32	2678	9	1726	6	3155	11	1240	4	2221	7
24-27	4571	15	4905	16	5081	17	4929	16	4820	16
20-23	7506	25	6015	20	7611	25	10736	36	8741	29
16-19	7106	24	11475	38	6924	23	9031	30	9429	31
13-15	4524	15	5172	17	4452	15	2679	9	3868	13
01-12	2840	9	292	1	1612	5	974	3	640	2

AVG(SD) 20.0( 5.8) 19.7( 4.7) 20.8( 5.8) 20.4( 4.4) 20.4( 4.6)

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 5 ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 29943)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	584	99	155	99	356	99	849	99	18
17	918	98	374	99	1322	99	1208	97	17
16	1015	95	1200	98	1202	94	1556	93	16
15	1453	92	1441	94	1590	90	1787	88	15
14	1469	87	2048	89	1754	85	1242	82	14
13	1693	82	2065	83	1985	79	2124	78	13
12	2215	76	3089	76	3258	73	3822	71	12
11	2878	69	3376	65	2742	62	2436	58	11
10	3065	59	3844	54	3554	53	2553	50	10
9	2947	49	3959	41	3686	41	2458	41	9
8	3167	39	3075	28	3536	28	2614	33	8
7	2843	29	2081	18	2085	17	2491	24	7
6	2294	19	1432	11	1412	10	2079	16	6
5	1533	11	1029	6	798	5	1824	9	5
4	1124	6	541	3	381	2	626	3	4
3	500	2	189	1	189	1	195	1	3
2	226	1	45	1	65	1	73	1	2
1	19	1	0	1	28	1	6	1	1
AVERAGE		9.9		10.3		10.6		10.6	
S.D.		3.7		3.1		3.3		3.7	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	483	99	126	99	95	99	18
17	731	98	220	99	190	99	17
16	1290	96	406	99	506	99	16
15	1333	92	634	97	842	97	15
14	1771	87	1869	95	1541	95	14
13	2387	81	1402	89	2362	89	13
12	2032	73	3628	84	3144	82	12
11	2686	67	3102	72	2571	71	11
10	3033	58	4240	62	5885	62	10
9	2275	47	5547	48	3346	43	9
8	4915	40	3264	29	3328	32	8
7	4168	23	1901	18	2686	20	7
6	1883	9	1632	12	1699	12	6
5	570	3	1116	7	259	6	5
4	254	1	385	3	934	5	4
3	92	1	370	2	109	2	3
2	36	1	25	1	354	1	2
1	4	1	76	1	92	1	1
AVERAGE		10.2		9.8		9.8	
S.D.		3.3		2.8		2.9	

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 6 AVERAGE ACT SCORES AND STANDARD DEVIATIONS FOR MALES AND FEMALES

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	13218	19.6	5.9	20.5	5.1	20.6	5.9	21.0	4.6	20.5	4.8
FEMALES	16580	20.3	5.8	19.1	4.4	21.0	5.7	19.9	4.1	20.2	4.5
NO RESPONSE	145	19.1	5.5	18.6	4.3	20.5	5.6	19.6	3.8	19.6	4.2

PERCENT OF STUDENTS IN THE COLLEGE READINESS STANDARDS SCORE RANGES BY GENDER

SCORE RANGE	M		F		M		F		M		F	
	M	F	M	F	M	F	M	F	M	F	M	F
33-36	2	3	2	1	4	4	2	1	1	1	1	1
28-32	9	9	8	4	10	11	5	3	9	7	9	7
24-27	14	16	19	14	16	18	20	14	17	16	17	16
20-23	24	26	21	20	25	26	36	36	29	30	29	30
16-19	24	24	35	41	23	23	26	33	30	33	30	33
13-15	16	14	15	19	16	14	8	10	13	13	13	13
01-12	11	8	1	1	6	5	3	3	2	2	2	2

TABLE 7 EXPRESSED ADEQUACY OF HS EDUCATION ACCORDING TO HS CURRICULUM OR PROGRAM

EXPRESSED ADEQUACY	TOTAL		AVG ACT COMP	BUS-COMM		VOC-OCC		COL PREP		OTHER-GEN	
	NUMBER	PCT		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
EXCELLENT	4968	18	22.4	195	12	231	11	3666	23	876	12
GOOD	11262	41	20.6	658	41	850	40	6783	42	2971	40
AVERAGE	6539	24	19.0	424	27	615	29	3246	20	2254	30
BELOW AVERAGE	1709	6	18.8	122	8	207	10	772	5	608	8
VERY INADEQUATE	1983	7	19.0	166	10	209	10	1044	7	564	8
NO RESPONSE	745	3	21.2	28	2	38	2	498	3	181	2
NO. OF STUDENTS	27206			1593		2150		16009		7454	

TABLE 8 AVERAGE ACT SCORES AND STANDARD DEVIATIONS BY COURSE PATTERNS AND HIGH SCHOOL GPA RANGES

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVG	SD	AVG	SD	AVG	SD	AVG	SD	AVG	SD
ALL GRADUATES	29943	20.0	5.8	19.7	4.7	20.8	5.8	20.4	4.4	20.4	4.6
COLLEGE CORE											
E4, M3, SS3, NS3	18114	20.8	5.7	20.4	4.7	21.6	5.7	20.9	4.3	21.1	4.6
In between	8201	18.6	5.7	18.6	4.4	19.6	5.7	19.5	4.3	19.2	4.5
E4, M2, SS2, NS2	2157	18.0	5.9	18.5	4.5	19.4	5.8	19.2	4.4	18.9	4.6
No Response	1471	20.1	6.0	20.0	5.0	21.1	6.0	20.5	4.6	20.5	4.8
HS GPA RANGES											
3.50 - 4.00	10522	23.5	5.4	22.6	4.8	23.8	5.6	22.7	4.2	23.3	4.4
3.00 - 3.49	7202	19.3	4.8	19.0	3.9	20.2	5.1	19.9	3.7	19.8	3.8
2.50 - 2.99	4545	17.2	4.7	17.4	3.3	18.3	4.9	18.6	3.7	18.0	3.5
2.00 - 2.49	2426	15.8	4.5	16.5	2.9	17.4	4.5	17.7	3.6	16.9	3.2
1.99 & below	849	14.7	4.5	15.9	2.6	16.2	4.3	16.6	3.7	16.0	3.2

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS  
(TOTAL)

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	4226	14	3.38	21.3	21.3
ENG 9, ENG 10, ENG 11, ENG 12	22746	76	3.25	19.8	20.2
LESS THAN 4 YEARS OF ENGLISH	1461	5	3.15	18.6	19.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1510	5	- . -	20.0	20.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	858	3	3.52	24.1	24.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1357	5	3.28	21.4	22.0
ALG 1, ALG 2, GEOM, TRIG	951	3	3.08	19.4	20.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	7486	25	3.10	19.2	20.1
ALG 1, ALG 2, GEOM	7404	25	2.67	16.9	17.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	6994	23	3.51	23.1	23.3
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	1583	5	3.20	19.8	20.4
LESS THAN 3 YEARS OF MATH	1688	6	2.54	16.9	17.4
NO MATH COURSE/GRADE INFORMATION REPORTED	1622	5	- . -	20.0	20.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	714	2	3.49	22.2	21.5
US HIST, WORLD HIST, AM GOVT	2841	9	3.31	20.6	20.2
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	8393	28	3.49	21.8	21.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	8760	29	3.37	20.9	20.5
LESS THAN 3 YEARS OF SOC SCI	7574	25	3.20	19.6	19.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1661	6	- . -	21.1	20.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	8533	28	3.36	21.5	21.6
BIOLOGY, CHEMISTRY, PHYSICS	2476	8	3.21	21.9	22.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	13223	44	3.15	19.9	19.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	806	3	3.04	19.4	19.2
LESS THAN 3 YEARS OF NAT SCI	3201	11	2.92	18.7	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1704	6	- . -	20.4	20.5

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS  
FOR MALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	1660	13	3.23	20.7	21.4
ENG 9, ENG 10, ENG 11, ENG 12	9908	75	3.11	19.5	20.5
LESS THAN 4 YEARS OF ENGLISH	767	6	3.06	18.4	19.6
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	883	7	- . -	19.2	20.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	434	3	3.48	24.9	24.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	511	4	3.18	22.2	22.1
ALG 1, ALG 2, GEOM, TRIG	428	3	3.03	20.1	20.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	2731	21	2.98	19.7	20.0
ALG 1, ALG 2, GEOM	3107	24	2.58	17.3	17.9
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	3430	26	3.46	23.9	23.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	812	6	3.12	20.5	20.6
LESS THAN 3 YEARS OF MATH	815	6	2.51	17.4	17.6
NO MATH COURSE/GRADE INFORMATION REPORTED	950	7	- . -	20.3	20.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	347	3	3.45	22.0	21.7
US HIST, WORLD HIST, AM GOVT	1349	10	3.23	20.3	20.2
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	3601	27	3.45	21.6	21.5
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3515	27	3.32	20.8	20.7
LESS THAN 3 YEARS OF SOC SCI	3439	26	3.16	19.5	19.5
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	967	7	- . -	20.5	20.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	4107	31	3.33	22.3	22.1
BIOLOGY, CHEMISTRY, PHYSICS	1134	9	3.15	22.7	22.7
GEN SCIENCE, BIOLOGY, CHEMISTRY	5153	39	3.03	20.1	19.6
OTHER COMBINATIONS OF 3 YEARS NAT SCI	397	3	3.01	20.1	19.6
LESS THAN 3 YEARS OF NAT SCI	1434	11	2.84	19.2	18.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	993	8	- . -	20.6	20.3

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS  
FOR FEMALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	2548	15	3.48	21.6	21.1
ENG 9, ENG 10, ENG 11, ENG 12	12749	77	3.35	20.0	20.1
LESS THAN 4 YEARS OF ENGLISH	672	4	3.26	18.8	19.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	611	4	- . -	21.1	20.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	416	3	3.58	23.3	23.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	843	5	3.34	20.9	21.9
ALG 1, ALG 2, GEOM, TRIG	519	3	3.11	18.9	20.3
ALG 1, ALG 2, GEOM, OTHER ADV MATH	4721	28	3.17	18.9	20.1
ALG 1, ALG 2, GEOM	4262	26	2.74	16.5	17.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	3541	21	3.55	22.3	23.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	770	5	3.28	19.1	20.2
LESS THAN 3 YEARS OF MATH	853	5	2.56	16.5	17.2
NO MATH COURSE/GRADE INFORMATION REPORTED	655	4	- . -	19.6	20.8
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	364	2	3.53	22.4	21.3
US HIST, WORLD HIST, AM GOVT	1482	9	3.38	21.0	20.2
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	4763	29	3.52	21.9	21.0
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	5212	31	3.41	21.1	20.3
LESS THAN 3 YEARS OF SOC SCI	4085	25	3.23	19.6	19.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	674	4	- . -	21.8	20.8
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	4393	26	3.39	20.7	21.1
BIOLOGY, CHEMISTRY, PHYSICS	1331	8	3.26	21.3	21.8
GEN SCIENCE, BIOLOGY, CHEMISTRY	8016	48	3.22	19.7	19.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	405	2	3.07	18.8	18.9
LESS THAN 3 YEARS OF NAT SCI	1746	11	2.97	18.3	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	689	4	- . -	20.2	20.8

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NUMBER OF STUDENTS	AVG ACT COMP	CERTAINTY VERY FAIRLY (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)	
AGRICULTURE SCIENCE/TECH	584	18.4	42	48	3	3	2	1	2	2
ARCH & ENVIR DESIGN	527	20.3	37	49	3	3	1	2	2	2
BUSINESS & MGMT	2123	19.7	32	53	10	10	7	6	8	8
BUSINESS & OFFICE	171	18.3	30	50	0	1	1	1	1	1
MARKETING & DISTRIBUTION	159	19.9	28	47	0	0	1	1	1	1
COMMUNICATION & COMM TEC	830	20.9	36	49	3	3	3	3	3	3
COMMUNITY & PRSNL SVCS	902	18.2	49	42	3	4	3	4	3	4
COMPUTER & INFO SCI	795	21.3	41	47	6	6	1	1	3	3
CROSS-DISC STUDIES	23	24.3	17	65	0	0	0	0	0	0
EDUCATION	1219	19.9	49	41	2	2	7	7	5	5
TEACHER EDUCATION	892	19.5	47	43	3	4	4	4	3	4
ENGINEERING	1118	22.2	32	50	9	8	1	1	4	4
ENGINEERING-RELATED TECH	611	21.2	35	51	5	5	0	0	2	2
FOREIGN LANGUAGES	135	22.3	39	47	0	0	1	0	1	0
HEALTH SCI & ALLIED HLTH	6391	19.9	53	39	12	13	34	36	25	26
HUMAN, FAMILY/CONS SCI	303	18.1	43	42	0	1	2	2	1	1
LETTERS	152	24.2	36	51	0	0	1	1	1	0
MATHEMATICS	137	23.5	20	51	1	1	0	0	1	0
PHILOS, RELIG & THEOL	193	21.9	48	40	1	1	0	1	1	1
SCI (BIOL & PHYSICAL)	1095	23.0	35	51	4	4	4	3	4	3
SOCIAL SCIENCES	2099	21.4	42	46	6	5	10	9	8	8
TRADE & INDUSTRIAL	438	17.9	46	42	4	5	0	0	2	2
VISUAL & PERFORM ARTS	1527	20.6	48	41	6	6	6	6	6	6
UNDECIDED	3532	20.2	8	15	16	14	12	10	14	12
NO RESPONSE	3987									

NUMBER OF STUDENTS - 29943



TABLE 11 SUMMARY OF RESPONSES TO VARIOUS DEMOGRAPHIC ITEMS

	NUMBER OF STUDENTS	AVERAGE ACT COMP	PCT		NUMBER OF STUDENTS	AVERAGE ACT COMP	PCT
HS CURRICULUM OR PROG				RACIAL/ETHNIC BACKGROUND			
BUS COMM/VOC-OCCUP	3743	17.8	13	AFRICAN-AMER/BLACK	2176	16.8	7
COLL PREP	16009	21.7	53	AM INDIAN,ALASKAN NTV	110	19.7	0
OTHER/GENERAL/NO RESP	10191	19.2	34	CAUCASIAN-AMER/WHITE	25327	20.6	85
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	124	19.7	0
ED/OCCUP PLANS	11557	20.4	39	ASIAN-AMER,PACIFIC ISL	402	22.3	1
EXPR IDEAS IN WRITING	6963	19.1	23	PUERTO RICAN,HISPANIC	200	18.9	1
READING/COMPREHENSION	7462	18.9	25	OTHER	326	18.2	1
STUDY SKILLS	11973	19.1	40	MULTIRACIAL	297	20.0	1
MATH SKILLS	11278	18.8	38	PREFER NOT TO RESPOND	566	21.9	2
PERSONAL CONCERNS	2725	18.6	9	NO RESPONSE	415	20.5	1
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	23638	20.2	79	LESS THAN \$18,000	3102	18.0	10
NEED TO FIND WORK	19955	20.0	67	ABOUT \$18,000-\$24,000	2256	18.6	8
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	2008	19.0	7
INDEP STUDY	10948	21.3	37	ABOUT \$30,000-\$36,000	1966	19.7	7
HONORS COURSES	9099	23.0	30	ABOUT \$36,000-\$42,000	2113	19.7	7
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	2403	20.4	8
ENGLISH	7759	22.6	26	ABOUT \$50,000-\$60,000	2773	20.8	9
MATH	7030	22.9	23	ABOUT \$60,000-\$80,000	3715	21.3	12
SOCIAL STUDIES	7731	22.4	26	ABOUT \$80,000-\$100,000	2368	21.9	8
NATURAL SCIENCE	5928	22.6	20	MORE THAN \$100,000	2502	23.0	8
FOREIGN LANG	4553	22.6	15	NO RESPONSE	4737	20.8	16
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	1280	16.8	4	TOP QTR	10909	23.1	36
\$1001 - \$2000	1517	17.7	5	2ND QTR	10504	19.1	35
\$2001 - \$4000	3363	18.9	11	3RD QTR	4902	17.4	16
\$4001 - \$7500	4204	20.3	14	4TH QTR	654	16.3	2
\$7501 & OVER	1351	20.8	5	NO RESPONSE	2974	20.4	10
NO PREFERENCE	15088	21.1	50	EDUC DEG ASPIRATION			
NO RESPONSE	3140	21.0	10	VOC-TECH	669	16.6	2
MOST RECENTLY TESTED				2YR COL DEGREE	1695	16.8	6
SOPHOMORE	264	20.1	1	BACHELORS DEGREE	10561	19.5	35
JUNIOR	5593	21.1	19	GRAD STUDY	5312	22.0	18
SENIOR	22177	20.1	74	PROF LEVEL DEGREE	8464	21.7	28
OTHER/NO RESPONSE	1909	21.7	6	OTHER	983	18.1	3
COLLEGE CORE PREPARATION				NO RESPONSE	2259	20.4	8
CORE OR MORE	18114	21.1	60	NUMBER OF STUDENTS			
LESS THAN CORE	10358	19.1	35	HOME SCHOOLED	198	22.7	1
NO RESPONSE	1471	20.5	5	EARNED A GED	55	18.0	0
				ALL STUDENTS	29943	20.4	100

TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

INSTITUTION CODE NAME	ST	TOTAL NUMBER	1ST CHOICE NUMBER	2ND-6TH CHOICES NUMBER	STANDARD FOR TRANSITION RANGES						
					01- 12 PCT	13- 15 PCT	16- 19 PCT	20- 23 PCT	24- 27 PCT	28- 32 PCT	33- 36 PCT
1554 UNIV OF KENTUCKY	KY	13300	4830	8470	1	8	27	35	20	9	1
1556 UNIV OF LOUISVILLE	KY	9343	2665	6678	2	11	29	33	18	7	0
1562 WESTERN KENTUCKY U	KY	8080	2369	5711	2	12	34	33	15	4	0
1512 EASTERN KENTUCKY U	KY	6948	2111	4837	2	13	37	31	13	3	0
1532 MURRAY STATE UNIV	KY	3826	1160	2666	2	10	33	33	16	6	0
1530 MOREHEAD STATE UNIV	KY	3429	969	2460	3	16	39	28	11	2	0
1566 NORTHERN KENTUCKY U	KY	2586	1032	1554	2	11	38	32	13	4	0
1514 GEORGETOWN COLLEGE	KY	1806	377	1429	1	8	26	33	22	9	1
1531 LEXINGTON COMM COLL	KY	1801	432	1369	3	21	43	26	6	1	0
1490 BELLARMINE UNIV	KY	1614	359	1255	1	8	25	33	23	10	1
1550 PENNSYLVANIA UNIV	KY	1592	297	1295	0	4	15	30	31	20	1
1500 CAMPBELLSVILLE UNIV	KY	1276	337	939	2	14	35	30	14	5	0
1506 CENTRE COLLEGE	KY	1184	232	952	0	2	10	23	35	28	3
1492 BEREA COLLEGE	KY	1156	354	802	2	13	36	29	15	5	0
1510 CUMBERLAND COLL-KY	KY	1006	247	759	2	14	37	30	12	4	0
1516 KENTUCKY STATE UNIV	KY	884	181	703	7	30	39	18	5	1	0
1571 JEFFERSON CC-KY	KY	828	216	612	6	29	41	19	4	0	0
3340 U OF CINCINNATI	OH	792	149	643	2	7	27	33	21	10	1
1513 ELIZABETHTOWN C C	KY	769	322	447	2	18	43	28	7	2	0
1522 LINDSEY WILSON COLL	KY	749	175	574	3	17	38	28	11	3	0
1538 WEST KENTUCKY CTC	KY	740	283	457	4	16	40	30	8	2	0
1518 KENTUCKY WESLEYAN C	KY	697	160	537	2	14	37	28	15	4	0
1560 THOMAS MORE COLLEGE	KY	637	122	515	1	12	33	33	16	5	0
5535 SULLIVAN UNIVERSITY	KY	610	108	502	5	25	44	20	6	1	0
1570 SOMERSET COMM COLL	KY	606	226	380	4	25	39	25	6	1	0
1502 ALICE LLOYD COLLEGE	KY	562	169	393	2	18	39	28	10	2	0
1540 PIKEVILLE COLLEGE	KY	537	135	402	4	20	39	25	10	3	0
1495 JEFFERSON CC-SW	KY	533	117	416	2	26	45	20	7	1	0
4036 VANDERBILT UNIV	TN	436	54	382	0	2	12	18	29	32	6
3366 XAVIER UNIVERSITY-OH	OH	418	74	344	1	3	13	28	37	17	3
1533 MADISONVILLE C C	KY	416	193	223	3	19	45	26	5	2	0
1534 SPALDING UNIVERSITY	KY	398	44	354	5	20	37	29	7	2	0
1519 OWENSBORO CTC-MAIN	KY	389	159	230	2	18	45	26	7	2	0
1552 UNION COLLEGE-KY	KY	357	73	284	6	23	39	24	6	1	1
1486 ASBURY COLLEGE	KY	332	104	228	0	6	22	32	23	14	2
ALL OTHER INSTITUTIONS		24500	5852	18648	2	13	28	26	18	11	1
TOTALS		95137	26687	68450	2	12	31	30	17	7	1

TABLE 13 AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
AGRICULTURE SCIENCE/TECH	( 584)	(18.4)	BUSINESS & OFFICE	( 171)	(18.3)
AGRICULTURAL BUSINESS	32	18.1	BOOKKEEPING/ACCT TECH	19	18.0
AGRICULTURAL ECONOMICS	7	19.1	BUSINESS DP/COMPUTER OPER	5	15.6
AGRICULTURAL MECHANICS	14	17.9	COURT REPORTING	2	19.0
AGRI PRODUCTION/TECH	9	17.9	OFFICE SUPERVISION & MGMT	6	18.2
AGRONOMY	5	18.2	SECRETARIAL	22	17.1
ANIMAL SCIENCES	85	19.9	TYPING & GENERAL OFFICE	2	14.5
FARM & RANCH MANAGEMENT	23	17.2	WORD PROCESSING	2	11.5
FISH, GAME, WILDLIFE MGMT	63	17.3	BUSINESS & OFFICE, GEN	113	18.9
FOOD SCIENCES/ENGINEERING	4	18.8			
FORESTRY & RELATED SCI	23	18.3	MARKETING & DISTRIBUTION	( 159)	(19.9)
HORTICULTURE/ORNMENTAL HORT	16	19.6	FASHION MERCHANDISING	38	19.0
NATURAL RESOURCES MGMT	1	15.0	RETAILING & SALES	14	18.4
AGRICULTURE & AG TECH, GEN	302	18.3	TRAVEL SERVICES & TOURISM	2	24.5
			MARKETING & DISTRIB, GEN	105	20.3
ARCH & ENVIR DESIGN	( 527)	(20.3)			
ARCHITECTURAL DRAFTING	96	19.3	COMMUNICATIONS & COMM TECH	( 830)	(20.9)
ARCHITECTURE	96	21.9	ADVERTISING	39	21.2
BLDG CON/CONSTRUCTION SCI	25	17.4	GRAPHIC/COMMERCIAL ART	33	19.1
CITY, COMM & REG PLANNING	3	20.3	GRAPHIC & PRINT COMMUNIC	10	17.6
ENVIRONMENTAL DESIGN	3	18.3	JOURNALISM	180	22.6
INTERIOR DESIGN	84	20.1	PHOTO/FILM/VIDEO TECH	60	18.8
LANDSCAPE ARCHITECTURE	14	18.8	PUBLIC RELATIONS	26	21.8
ARCHI & ENVIR DESIGN, GEN	206	20.6	RADIO/TV BROADCASTING	134	20.0
			RADIO/TV PRODUCTN & TECH	18	21.2
BUSINESS & MGMT	( 2123)	(19.7)	COMMUNIC & COMM TECH, GEN	330	21.0
ACCOUNTING	272	20.1			
BANKING & FINANCE	67	19.7	COMMNTY & PRSNL SVCS	( 902)	(18.2)
BUSINESS ADMIN & MGMT	240	19.6	CORRECTIONS	6	13.8
BUSINESS ECONOMICS	41	21.6	COSMETOLOGY/HAIRSTYLING	84	16.4
CONTRACT MGMT & PURCHSING	4	17.8	CRIMINAL JUSTICE/CRIMINOL	227	18.4
HOTEL/RESTAURANT MGMT	34	17.6	FIRE PROTECTN/SAFETY TECH	23	17.4
HUMAN RESOURCE DEVEL/TRNG	2	14.0	FUNERAL SVCS/MORTUARY SCI	10	17.7
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	154	17.8
INSURANCE & RISK MGMT	4	21.3	LIBRARY SCI/LIB ASSISTING	4	23.3
INTERNATL BUSINESS/MGMT	44	20.4	MILITARY SCIENCE/TECH	24	20.8
LABOR/INDUSTRL RELATIONS	3	18.3	PARKS & RECREATION	5	21.6
MANAGEMENT INFO SYSTEMS	3	27.3	PUBLIC ADMINISTRATION	3	20.3
MANAGEMENT SCIENCE	4	16.5	PUBLIC AFFAIRS	4	18.3
MARKETING MGMT & RESEARCH	48	19.9	SOCIAL WORK	89	17.8
ORGANIZATIONAL BEHAVIOR	2	18.5	COMMNTY & PRSNL SVCS, GEN	269	18.6
PERSONNEL MANAGEMENT	2	17.0			
REAL ESTATE	43	17.2			
SML BUSINESS MGMT/OWNRSHIP	106	19.5			
TRADE & INDUSTRIAL MGMT	2	15.0			
TRANSPORTATION MANAGEMENT	3	20.7			
BUSINESS & MGMT, GEN	1199	19.8			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	( 795)	(21.3)	ENGINEERING	( 1118)	(22.2)
COMPUTER PROGRAMMING	265	20.6	AEROSPACE ENGINEERING	66	24.6
COMPUTER SCIENCE	139	22.7	AGRICULTURAL ENGINEERING	17	19.7
DATA PROCESSING	7	19.3	ARCHITECTURAL ENGINEERING	10	20.6
INFO SCIENCES & SYSTEMS	29	21.3	BIOENGINEER & BIOMED ENG	29	26.5
MATH/COMPUTER SCIENCE	14	22.5	CERAMIC ENGINEERING	1	22.0
COMPUTER & INFO SCI, GEN	341	21.3	CHEMICAL ENGINEERING	44	23.6
CROSS-DISC STUDIES	( 23)	(24.3)	CIVIL ENGINEERING	66	22.6
AREA & ETHNIC STUDIES	4	18.8	COMPUTER ENGINEERING	61	21.4
LIBERAL ARTS/GEN STUDIES	11	24.7	CONSTRUCTION ENG/MGMT	19	18.6
MULTI-/INTERDISC STUDIES	2	32.5	ELECTRCL & ELECTRONIC ENG	67	20.9
CROSS-DISC STUDIES, GEN	6	24.5	ENGINEERING MANAGEMENT	3	20.7
EDUCATION	( 1219)	(19.9)	ENGINEERING PHYSICS	6	25.7
ADULT & CONTINUING EDUC	4	24.5	ENGINEERING SCIENCE	5	24.2
EDUCATION ADMINISTRATION	6	19.5	ENVIRONMENTAL HEALTH ENG	2	23.0
ELEMENTARY EDUCATION	363	19.8	GEOLOGICAL & GEOPHYS ENG	1	11.0
JR HIGH/MIDDLE SCH EDUC	79	19.5	INDUSTRIAL ENGINEERING	11	20.9
PRE-ELEMENTARY EDUCATION	63	17.5	MATERIALS ENGINEERING	3	25.0
SECONDARY EDUCATION	127	21.7	MECHANICAL ENGINEERING	138	22.4
STUDENT COUNSELING	12	18.3	METALLURGICAL ENGINEERING	1	25.0
TEACHER AIDE	1	21.0	MINING & MINERAL ENG	4	18.8
EDUCATION, GENERAL	564	20.0	NAVAL ARCHIT & MARINE ENG	3	23.3
TEACHER EDUCATION	( 892)	(19.5)	NUCLEAR ENGINEERING	5	21.2
AGRICULTURAL EDUCATION	18	18.8	OCEAN ENGINEERING	2	27.5
ART EDUCATION	31	19.5	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	2	18.5	SYSTEMS ENGINEERING	2	20.0
ENGLISH EDUCATION	55	22.6	ENGINEERING, GENERAL	552	21.9
FOREIGN LANGUAGES EDUC	6	19.5	ENGINEERING-RELATED TECH	( 611)	(21.2)
HEALTH EDUCATION	8	17.6	AERONAUTICAL TECHNOLOGY	47	23.0
HUMAN, FAM/CONS SCI EDUC	6	17.2	AC, HEATING, REFRIG TECH	9	15.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	25	20.6
MATHEMATICS EDUCATION	54	21.7	BIOMEDICAL EQUIPMENT TECH	4	23.3
MUSIC EDUCATION	100	20.5	CIVIL ENGINEERING TECH	19	22.7
PHYSICAL EDUCATION	83	16.6	COMPUTER ENGINEERING TECH	50	22.3
SCIENCE EDUCATION	14	21.1	CONSTRUCTION/BLDG TECH	12	17.3
SOC STUDIES/SOC SCI EDUC	61	20.8	DRAFTING & DESIGN TECH	24	18.5
SPECIAL EDUCATION	40	18.5	ELECTRICAL ENG TECHNOLOGY	51	20.1
SPEECH CORRECTION EDUC	6	17.8	ELECTRONIC ENG TECHNOLOGY	19	17.3
TEACHING ENGL AS 2ND LANG	3	18.0	ELECTROMECHAN INSTR TECH	1	15.0
TECH/TRADE & IND ED	3	15.7	ENVIRONMENTAL CONTRL TECH	1	25.0
TEACHER EDUCATION, OTHER	28	18.4	INDUSTRIL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	374	19.2			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	1	22.0	HUMAN, FAMILY/CONS SCI	( 303)	(18.1)
MANUFACTURING TECHNOLOGY	5	16.2	CHILD DEV, CARE, GUIDANCE	44	17.0
MECHANICAL ENG TECH	62	21.0	CHILD CARE AIDE/ASSISTING	15	17.0
MINING & PETROLEUM TECH	1	28.0	CULINARY ARTS	56	17.9
OCCUPATL SFTY & HLTH TECH	1	18.0	FAMILY/CONS RESOURCE MGMT	1	12.0
SURVEYING & MAPPING TECH	1	23.0	FASHION DESIGN	33	18.8
ENGINEERING TECH, OTHER	17	19.9	FOOD PRODUCTN, MGMT, SVCS	5	16.4
ENGINEER-RELATD TECH, GEN	261	21.9	FOOD SCI & NUTR/DIETETICS	14	20.7
			HUMAN ENVIRON & HOUSING	0	0.0
FOREIGN LANGUAGES	( 135)	(22.3)	INDIVIDUAL & FAMILY DEVEL	1	21.0
ASIATIC LANGUAGES	17	23.7	TEXTILES AND CLOTHING	3	16.7
CLASSICAL LANGUAGES	3	25.7	HUMAN, FAM/CONS SCI, GEN	131	18.2
FRENCH	9	20.6			
GERMAN	7	21.6	LETTERS	( 152)	(24.2)
ITALIAN	0	0.0	CLASSICS	1	27.0
MIDDLE EASTERN LANGUAGES	3	23.0	COMPARATIVE LITERATURE	2	24.0
RUSSIAN	2	21.5	CREATIVE WRITING	58	22.6
SPANISH	42	22.9	ENGLISH, GENERAL	44	25.0
FOREIGN LANGUAGES, OTHER	8	19.6	LINGUISTICS	4	31.3
FOREIGN LANGUAGES, GEN	44	21.9	LITERATURE, ENGLISH/AMER	14	26.2
			SPEECH & RHETORICAL STUDY	2	21.0
HEALTH SCI & ALLIED HLTH	( 6391)	(19.9)	LETTERS, GENERAL	27	24.3
CHIROPRACTIC	39	18.5			
DENTAL ASSISTING	19	16.1	MATHEMATICS	( 137)	(23.5)
DENTAL HYGIENE	84	17.2	ACTUARIAL SCIENCES	5	25.4
DENTAL LAB/TECHNOLOGY	6	18.8	APPLIED MATHEMATICS	17	23.0
DENTISTRY	143	20.5	STATISTICS	4	21.3
EMERG MED TECH/PARAMEDIC	26	17.2	MATHEMATICS, GENERAL	111	23.6
HEALTH CARE ADMIN	26	18.7			
MEDICAL/SURG ASSISTING	84	18.6	PHILOS, RELIG & THEOLOGY	( 193)	(21.9)
MEDICAL LAB/TECHNOLOGY	32	18.4	BIBLE STUDIES	17	22.0
MED RECORDS ADMIN/TECH	22	19.2	PHILOSOPHY	24	24.3
MEDICINE	791	22.8	RELIGION	20	21.0
MNTL HLTH & HUM SVCS/TECH	22	19.5	RELIGIOUS EDUCATION	17	19.5
NUCLEAR MEDICINE TECH	8	21.8	RELIGIOUS MUSIC	10	19.5
NURSING (PRACTICAL)	174	16.6	THEOLOGY	16	21.9
NURSING (REGISTERED)	939	18.1	PHILOS, RELIG & THEOL, GEN	89	22.2
OCCUPATNL THERAPY/ASSIST	60	19.1			
OPTOMETRY	50	21.7			
PHARMACY	402	21.7			
PHYSICIAN ASSISTING	31	18.5			
PHYSICAL THERAPY/ASSIST	483	19.9			
RADIOLOGY/RADIOLOGIC TECH	216	17.7			
REC/ART/MUSIC THERAPY	7	20.9			
RESPIRATORY THERAPY/TECH	17	18.4			
SPEECH PATHOL/AUDIOLOGY	30	21.9			
VETERINARIAN ASSISTING	30	17.4			
VETERINARY MEDICINE	231	21.4			
HEALTH SCI & ALLIED, GEN	2419	19.9			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	1095)	(23.0)	VISUAL/PERFORM ARTS	( 1527)	(20.6)
ASTRONOMY	33	21.1	APPLIED DESIGN/CRAFTS	10	18.1
ATMOSPHER SCI & METEOROL	33	20.3	ART	128	19.9
BIOCHEMISTRY & BIOPHYSICS	41	25.1	ART HIST & APPRECIATION	14	22.8
BIOLOGY	295	23.6	CINEMATOGRAPHY/FILM/VIDEO	76	21.4
BOTANY	5	20.8	DANCE	29	21.1
CHEMISTRY	141	23.5	DESIGN, GENERAL	55	21.7
EARTH SCIENCE	8	19.4	DRAMA/THEATRE ARTS	155	21.5
ECOLOGY/ENV STUDIES	17	22.0	FINE ARTS, GENERAL	24	22.1
GEOLOGY	6	23.7	GRAPHIC ARTS TECHNOLOGY	28	19.6
MICROBIOLOGY	12	24.9	GRAPHIC DESIGN	78	20.2
OCEANOGRAPHY	25	20.0	MUSIC (LIBERAL ARTS)	52	22.2
PHYSICS	36	25.1	MUSIC PERFORMANCE	200	21.0
ZOOLOGY	60	21.2	MUSIC THEORY & COMPOSIT	58	22.0
SCIENCES (BIO & PHYS), GEN	383	22.8	PHOTOGRAPHY	97	19.6
			VISUAL/PERFORM ARTS, GEN	523	20.1
SOCIAL SCIENCES (	2099)	(21.4)	UNDECIDED	( 3532)	(20.2)
ANTHROPOLOGY	26	25.1			
ECONOMICS	8	24.3			
GEOGRAPHY	5	18.2			
HISTORY	135	22.3			
INTERNATIONAL RELATIONS	32	25.5			
LAW	447	21.2			
PARALEGAL/LEGAL ASSISTING	32	18.4			
POLITICAL SCI/GOVERNMENT	122	23.4			
PSYCHOLOGY	686	21.1			
SOCIOLOGY	51	18.9			
URBAN STUDIES	2	19.5			
SOCIAL SCIENCES, GENERAL	553	21.1			
TRADE & INDUSTRIAL (	438)	(17.9)			
AIRCRAFT TECHNICIAN	4	18.0			
AIRPLANE PILOTING & NAVIG	63	21.6			
AUTOMOTIVE BODY REPAIR	24	17.6			
AUTOMOTIVE TECHNOLOGY	63	17.4			
AVIATION MANAGEMENT	3	19.3			
COMPUTER ELECTRNCS/REPAIR	17	19.1			
CONSTRCT TRADES & CARPENT	17	18.0			
DIESEL MECHANICS & TECH	23	15.6			
DRAFTING	4	17.0			
ELECTRICAL EQUIP REPAIR	16	16.5			
HEATING, AC, REFRIG MECH	5	17.8			
MACHINE TECHNOLOGY	13	17.4			
MECHANICAL DRAFTING	3	17.3			
WELDING & WELDING TECH	29	16.2			
TRADE & INDUSTRIAL, GEN	154	17.3			

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

REFERENCE GROUP	TOTAL		CORE OR MORE		LESS THAN CORE		MALES		FEMALES	
	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG
<u>PLAN ON 2-YEARS OR LESS OF COLLEGE</u>										
ADMIN & SALES (02-03)	145	16.6	71	17.0	73	16.1	37	16.4	108	16.6
BUSINESS OPER (04-05)	298	16.6	141	17.4	155	16.0	128	16.5	170	16.7
TECHNICAL (06-07)	616	16.6	244	17.2	364	16.2	388	16.4	227	16.9
SCIENCE & TECH (08-09)	368	17.1	154	17.7	210	16.6	189	16.9	177	17.3
ARTS (10-11)	133	17.4	70	18.3	62	16.5	45	16.8	88	17.7
SOCIAL SERVICE (12-01)	118	16.6	64	17.1	53	15.9	22	16.0	96	16.7
OTHER*	686	16.7	294	17.5	366	15.9	277	16.6	403	16.7
TOTAL	2364	16.7	1038	17.5	1283	16.2	1086	16.6	1269	16.9
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	2743	20.2	1852	20.8	863	19.0	865	20.9	1869	19.9
BUSINESS OPER (04-05)	2103	20.2	1357	20.8	731	19.1	1011	20.3	1084	20.0
TECHNICAL (06-07)	3274	20.3	2046	21.0	1188	19.1	2088	20.4	1172	20.1
SCIENCE & TECH (08-09)	4073	21.5	2674	22.0	1339	20.6	2008	21.9	2052	21.2
ARTS (10-11)	2530	21.6	1699	22.0	798	20.8	790	22.0	1735	21.5
SOCIAL SERVICE (12-01)	2519	20.6	1678	21.2	807	19.5	677	21.1	1830	20.5
OTHER*	7095	20.8	4508	21.4	2304	19.6	3112	21.0	3948	20.6
TOTAL	24337	20.8	15814	21.4	8030	19.7	10551	21.1	13690	20.6

\* OTHER = STUDENTS WHO HAD WORLD-OF-WORK REGIONS THAT DIFFERED FROM THOSE LISTED

TABLE 15 HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY

REFERENCE GROUP	NUMBER OF STUDENTS	ACADEMIC AREA GRADE AVERAGES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	10833	3.12	3.04	3.31	3.13	3.15	0.63
FEMALE	14612	3.37	3.15	3.40	3.24	3.29	0.58
NO RESPONSE	99	3.22	3.03	3.34	3.15	3.18	0.51
AFRICAN-AMERICAN/BLACK	1835	2.89	2.67	2.95	2.75	2.81	0.60
CAUCASIAN-AMERICAN/WHITE	21760	3.30	3.14	3.40	3.23	3.26	0.60
OTHER MINORITY	992	3.29	3.22	3.37	3.24	3.27	0.60
MISSING/PREFER NO RESP	957	3.24	3.03	3.33	3.16	3.19	0.60
TOTAL	25544	3.26	3.10	3.36	3.19	3.23	0.61

APPENDIX

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THE RESULTS PROFILED IN THIS REPORT ARE BASED ON ALL STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. IF A STUDENT TESTED MORE THAN ONCE, ONLY HIS/HER MOST RECENT TEST RECORD IS USED. DUE TO THE INCREASING NUMBER OF REPEAT TEST-TAKERS, ACT EXPANDED THE NUMBER OF STUDENT SPECIFIC VARIABLES USED TO MATCH MULTIPLE STUDENT RECORDS IN 2002. THOSE STUDENTS WHO TESTED RESIDUALLY OR UNDER EXTENDED TIME CONDITIONS ARE NOT INCLUDED.

IT SHOULD BE NOTED THAT GRADUATING STUDENTS WHO TAKE THE ACT ASSESSMENT ARE NOT NECESSARILY REPRESENTATIVE OF GRADUATING STUDENTS NATIONALLY. STUDENTS WHO LIVE IN THE MIDWEST, ROCKY MOUNTAINS, PLAINS AND SOUTHERN REGIONS OF THE COUNTRY ARE OVER REPRESENTED AMONG ACT-TESTED STUDENTS AS COMPARED TO GRADUATING STUDENTS NATIONALLY.

CAUTION SHOULD BE USED IN MAKING COMPARISONS BETWEEN STATE AND NATIONAL NORMS. STATE NORMS MAY DIFFER FROM NATIONAL NORMS FOR NON-EDUCATIONAL REASONS SUCH AS THE DEMOGRAPHIC MAKE-UP OF A STATE'S ACT-TESTED GRADUATES COMPARED TO THE NATION.

SINCE THE ACT ASSESSMENT IS DESIGNED FOR THOSE STUDENTS WHO PLAN TO ATTEND COLLEGE, THE FOCUS IS ON STUDENTS WHO COMPLETED THE RECOMMENDED COLLEGE PREPARATORY COURSES. THE RECOMMENDED COLLEGE CORE COURSES (AS DEFINED BY ACT) INCLUDE:

## ENGLISH (FOUR YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ENGLISH 9, ENGLISH 10, ENGLISH 11, ENGLISH 12

## MATHEMATICS (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ALGEBRA I, ALGEBRA II, GEOMETRY  
ONE-HALF YEAR CREDIT EACH FOR TRIGONOMETRY, CALCULUS (NOT PRE-CALCULUS),  
OTHER MATH COURSES BEYOND ALGEBRA II, COMPUTER MATH/COMPUTER SCIENCE

## SOCIAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR AMERICAN HISTORY, WORLD HISTORY, AMERICAN GOVERNMENT  
ONE-HALF YEAR CREDIT EACH FOR ECONOMICS, GEOGRAPHY, PSYCHOLOGY, OTHER HISTORY

## NATURAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR GENERAL/PHYSICAL/EARTH SCIENCE, BIOLOGY, CHEMISTRY,  
PHYSICS

ALL CALCULATED HIGH SCHOOL GPAS SHOWN IN THIS REPORT ARE BASED ON STUDENT REPORTED COURSE GRADES IN THE FOUR CORE SUBJECT AREAS (ENGLISH, MATH, SOCIAL SCIENCE AND NATURAL SCIENCE).

INSTRUCTIONS FOR USING THE DATA PRESENTED IN THIS REPORT ARE PROVIDED IN THE INTERPRETIVE GUIDE, YOUR COLLEGE-BOUND STUDENTS. IF YOU HAVE QUESTIONS CONCERNING THIS REPORT OR NEED A COPY OF THIS GUIDE, PLEASE CALL 319/337-1111 OR WRITE TO ACT RESEARCH SERVICES (64), ACT INC, P.O. BOX 168, IOWA CITY, IOWA 52243.



APPENDIX (CONTINUED)

THE NUMBERS IN TABLE 4, PAGE 6 IN THE COLUMNS TITLED "CP", FOR EACH ACT TEST AND COMPOSITE ARE CUMULATIVE PERCENTS. CUMULATIVE PERCENTS REPRESENT THE PERCENT OF STUDENTS SCORING AT OR BELOW A SELECTED SCORE VALUE. FOR EXAMPLE, IF A SCALE SCORE OF 21 ON THE ACT COMPOSITE HAD A CP OF 63, THIS MEANS THAT 63% OF THE TESTED POPULATION WERE AT OR BELOW A SCORE OF 21. TO FIND THE PERCENT OF STUDENTS WHO HAD SCORES STRICTLY BELOW 21, JUST READ THE CUMULATIVE PERCENT VALUE ASSOCIATED WITH THE NEXT LOWER SCALE SCORE VALUE, IN THIS CASE A SCORE OF 20. IN THIS EXAMPLE 55 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	2	99
35	27	99
34	76	99
33	119	99
32	205	99
31	296	99
30	415	98
29	549	96
28	756	94
27	843	92
26	1132	89
25	1321	85
24	1524	81
23	1829	76
22	2048	70
21	2346	63 <-- 63% OF THE STUDENTS SCORE AT OR BELOW 21
20	2518	55 <-- 55% OF THE STUDENTS SCORE BELOW 21
19	2497	47
18	2532	38
17	2254	30
16	2146	22
15	1774	15
14	1286	9
13	808	5
12	455	2
11	152	1
10	26	1
9	2	1
8	5	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

